

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
 Organization
 International Bureau

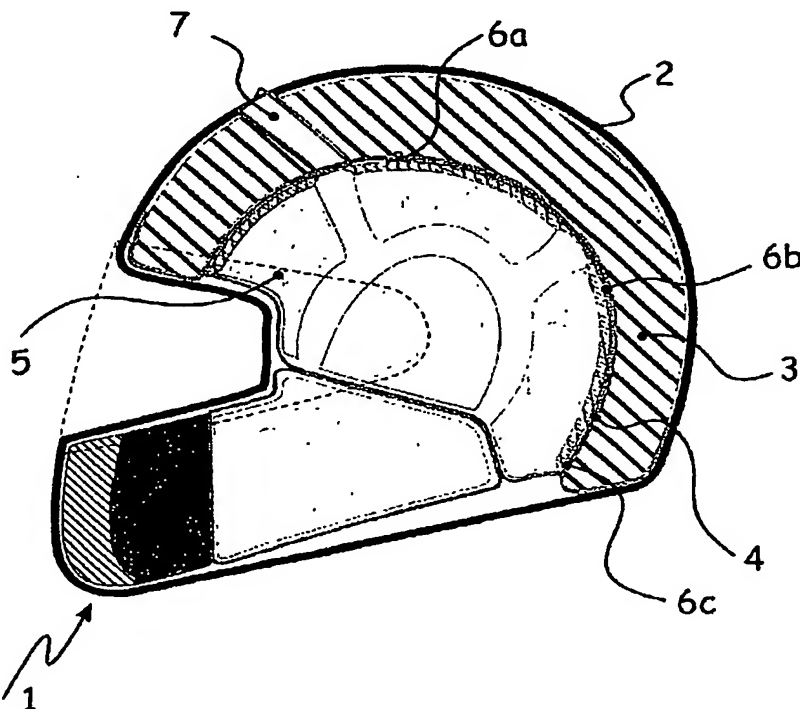


(43) International Publication Date
 25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/023913 A1

- (51) International Patent Classification⁷: A42B 3/12, A42C 2/00
- (21) International Application Number: PCT/EP2003/010204
- (22) International Filing Date: 11 September 2003 (11.09.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
 MI2002A001941
 12 September 2002 (12.09.2002) IT
- (71) Applicant (for all designated States except US): EASY CUT S.r.l. [IT/IT]; Via Settembrini 17, I-20124 Milan (IT).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): CATTANEO, Roberto [IT/IT]; Via Pradella 1/A, I-24030 Villa d'Adda (IT).
- (54) Title: PROTECTIVE HELMET AND RELATIVE METHOD FOR ITS PRODUCTION
- (74) Agents: COPPO, Alessandro et al.; Ing Barzano' & Zarnardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
 — with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(57) Abstract: Protective helmet (1) of the type comprising an outer rigid cap (2) to which a shock-absorbing shell (3) made of expanded material is internally fixed and an internal lining (5) for the comfort of the user. The helmet (1) comprises at least one intermediate cap (4) made of non-expanded material situated between the inside of the shock-absorbing shell and the internal comfort lining.